

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	((("5415380") or ("5192054") or ("3096079")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 00:11
L2	3	((("5415380") or ("5192054") or ("3096079")).PN.	USPAT	OR	OFF	2006/05/06 00:11
L3	46	("0038396"   "0235113"   "0444960"   "1226000"   "1265886"   "1914555"   "2112349"   "2278356"   "2560014"   "2839320"   "3218036"   "3315943"   "3498658"   "3510986"   "3735473"   "3822053"   "4012066"   "4053140"   "4074893"   "4122630"   "4122631"   "4286372"   "5301926").PN. OR ("5415380").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/06 00:18
L4	18	("3315943"   "3822053"   "4074893").PN. OR ("5192054").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/06 00:18
L5	9	("3096079").URPN.	USPAT	OR	ON	2006/05/06 00:19
S1	294	((119/519) or (119/522) or (119/512) or (119/513)).CCLS.	USPAT; USOCR	OR	OFF	2006/05/05 18:27
S2	1	("4647491").PN.	USPAT; USOCR	OR	OFF	2005/07/19 14:41
S3	42	("1584589"   "2436770"   "2822644"   "2842344"   "2877600"   "3415013"   "3472133"   "3541726"   "3545128"   "3841022"   "4267223"   "4281473").PN. OR ("4647491").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/19 16:20
S5	192	((119/519) or (119/522) or (119/512) or (119/513)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/19 19:34
S6	2236	((47/32) or (47/33) or (428/137)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/05 18:27
S8	2025	S6 not S5	USPAT	OR	OFF	2005/07/19 19:34
S9	621	((47/32) or (47/33)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/19 19:35
S10	580	S9 not S5	USPAT	OR	OFF	2005/07/19 19:35
S11	1616	(428/137).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/19 19:48
S12	1445	S11 not S10	USPAT	OR	OFF	2005/07/19 19:48
S13	1445	S12 not S5	USPAT	OR	OFF	2005/07/19 19:56

## EAST Search History

S17	1628	((256/1) or (256/22) or (256/65.01) or (256/67) or (256/65.02) or (256/65.03) or (256/65.15)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/05 18:28
S18	4	((("6360481") or ("5415380") or ("6631997") or ("6123321"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/19 20:43
S19	14	("0413507"   "3405688"   "3747897"   "4451460"   "4552307"   "4756905"   "5083708"   "5369909"   "5379545"   "5746019"   "5857664"   "6202342").PN. OR ("6360481").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/19 20:21
S20	1	("6142451").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/19 20:44
S21	0	("(US-3770246-\$orUS-3815877-\$orUS-3865309-\$orUS-4031284-\$orUS-4118752-\$orUS-4301996-\$orUS-4549724-\$orUS-4576364-\$orUS-4619440-\$orUS-4801128-\$orUS-5063876-\$orUS-5240230-\$orUS-5277408-\$orUS-5291708-\$orUS-5407178-\$orUS-5520479-\$orUS-5622021-\$orUS-5671584-\$orUS-5738341-\$orUS-5755431-\$orUS-5772186-\$orUS-5791635-\$orUS-5816946-\$orUS-5865355-\$orUS-5879103-\$orUS-5913477-\$).did. or(US-5927694-\$orUS-6042301-\$orUS-6092792-\$orUS-6149135-\$).did. or(FR-2701505-\$).did. or(JP-04038381-\$).did. ").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 20:44
S22	3	(US-3770246-\$orUS-3815877-\$orUS-3865309-\$orUS-4031284-\$orUS-4118752-\$orUS-4301996-\$orUS-4549724-\$orUS-4576364-\$orUS-4619440-\$orUS-4801128-\$orUS-5063876-\$orUS-5240230-\$orUS-5277408-\$orUS-5291708-\$orUS-5407178-\$orUS-5520479-\$orUS-5622021-\$orUS-5671584-\$orUS-5738341-\$orUS-5755431-\$orUS-5772186-\$orUS-5791635-\$orUS-5816946-\$orUS-5865355-\$orUS-5879103-\$orUS-5913477-\$).did. or"(US-5927694-\$orUS-6042301-\$orUS-6092792-\$orUS-6149135-\$).did. or"(FR-2701505-\$).did. or"(JP-04038381-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 20:45

## EAST Search History

S23	0	(US3770246 or US3815877 or US3865309 or US4031284 or US4118752 or US4301996 or US4549724 or US4576364 or US4619440 or US4801128 or US5063876 or US5240230 or US5277408 or US-5291708 or US5407178 or US5520479 or US5622021 or US5671584 or US5738341 or US-5755431 or US-5772186 or US5791635 or US5816946 or US5865355 or US5879103 or US5913477).did. or (US5927694 or US6042301 or US6092792 or US6149135).did. or (FR2701505).did. or (JP04038381).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 20:51
S24	67	("3770246" or "3815877" or "3865309" or "4031284" or "4118752" or "4301996" or "4549724" or "4576364" or "4619440" or "4801128" or "5063876" or "5240230" or "5277408" or "5291708" or "5407178" or "5520479" or "5622021" or "5671584" or "5738341" or "5755431" or "5772186" or "5791635" or "5816946" or "5865355" or "5879103" or "5913477").did. or ("5927694" or "6042301" or "6092792" or "6149135").did. or (FR2701505).did. or (JP04038381).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 20:53
S25	70	("3770246" or "3815877" or "3865309" or "4031284" or "4118752" or "4301996" or "4549724" or "4576364" or "4619440" or "4801128" or "5063876" or "5240230" or "5277408" or "5291708" or "5407178" or "5520479" or "5622021" or "5671584" or "5738341" or "5755431" or "5772186" or "5791635" or "5816946" or "5865355" or "5879103" or "5913477").pn. or ("5927694" or "6042301" or "6092792" or "6149135").pn. or FR-2701505-\$.did. or JP-04038381-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 21:00

## EAST Search History

S26	0	US-2002/0190248-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/19 21:00
S27	18	("2518207"   "2999671"   "3233871"   "3263351"   "3864051"   "4131378"   "4150907"   "4398840"   "4768303"   "4787475"   "4952092"   "5457828"   "5746533"   "5964545").PN. OR ("6565069"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 12:07
S28	1	("6142451").PN.	USPAT; USOCR	OR	OFF	2005/07/20 15:05
S29	40	("0363206"   "1814380"   "2186428"   "2660822"   "2872750"   "2970396"   "3057093"   "3386323"   "3469335"   "4100698"   "4250647"   "4433490"   "4647491"   "4658527"   "4660310"   "4793083"   "4885860"   "4894937"   "5042183"   "5226748"   "5251996"   "5293705"   "5307580"   "5375355"   "5408950"   "5671584").PN. OR ("6085452"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 15:27
S30	45	("0557030"   "3378949"   "3387786"   "3484989"   "3485449"   "3487600"   "3525663"   "3545127"   "3701477"   "3706627"   "3788001"   "3841022"   "3911187"   "4074479"   "4146666"   "4190279"   "4281473"   "4321769"   "4333979"   "4397902"   "4644685"   "4681302"   "4761923"   "4858379"   "4939865"   "4955156"   "4965097"   "5020272"   "5117583"   "5121569"   "5201154"   "5205090"   "5414956"   "5456045"   "5615529"   "5930947").PN. OR ("6622426"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 15:29
S31	33	("1123900"   "2021709"   "2196456"   "2940466"   "3091401"   "3227408").PN. OR ("3701477"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 15:31
S32	36	("3537687").URPN.	USPAT	OR	OFF	2005/07/20 15:32
S33	29	("2441364"   "3093363"   "3273862"   "3537687"   "3801072").PN. OR ("4174096").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 15:35

## EAST Search History

S34	8	("1764284"   "3165853").PN. OR ("4301996").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 15:36
S35	18	("1631831"   "3522960"   "3524627"   "3535751"   "3604687"   "3960367"   "4078772"   "4208038"   "4899991"   "5297890"   "5657968"   "5857664"   "5961242").PN. OR ("6386519").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 15:37
S36	26	("0646314"   "0656314"   "3233871"   "3285568"   "4074893"   "4150907"   "4923176"   "5026028"   "5186571"   "5190268"   "5547169").PN. OR ("6053481").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 15:38
S37	18	("2825796"   "3057991"   "3687493"   "5099402"   "5118910"   "5489891"   "5575557"   "5683170"   "5701236").PN. OR ("5887856").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 15:39
S38	9	("3484081").URPN.	USPAT	OR	OFF	2005/07/20 15:39
S39	27	("2628823"   "3462181"   "3484081"   "3711066"   "4174096"   "4357000"   "4407534").PN. OR ("4930753").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 15:41
S40	9	("3484081").URPN.	USPAT	OR	OFF	2005/07/20 15:43
S41	71	("0425890"   "0557030"   "1843108"   "2094519"   "2721633"   "2769277"   "2809809"   "2821809"   "2842344"   "3332197"   "3373668"   "3387786"   "3472133"   "3484989"   "3525373"   "3724128"   "3788001"   "3841022"   "3933311"   "4281473"   "4516875"   "4628632"   "4644685"   "4647491"   "4702034"   "4747231"   "4823521"   "D250774"   "D257064").PN. OR ("5020272").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 15:43
S42	3	("1476853").URPN.	USPAT	OR	OFF	2005/07/20 15:46
S43	0	("1211059").URPN.	USPAT	OR	OFF	2005/07/20 15:46
S44	18	"fence module"	USPAT	OR	OFF	2005/07/20 17:11
S45	6	("4022436"   "4167079"   "4415292"   "5161784"   "5445362").PN. OR ("6182948").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/20 17:12
S46	1	("4647491").PN.	USPAT; USOCR	OR	OFF	2005/07/20 18:12

## EAST Search History

S47	459	(256/25).CCLS.	USPAT; USOCR	OR	OFF	2006/05/05 18:28
S48	293	(256/25).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/20 18:12

## EAST Search History

S49	86	(US-20050082518-\$ or US-20050056821-\$ or US-20040188665-\$ or US-20040169172-\$ or US-20040046162-\$ or US-20030209700-\$ or US-20030164484-\$ or US-20030066996-\$ or US-20020179893-\$ or US-20020125465-\$ or US-20020027225-\$).did. or (US-0892381-\$ or US-1101169-\$ or US-1160728-\$ or US-2842344-\$ or US-5020272-\$ or US-5070642-\$ or US-5584602-\$ or US-6036402-\$ or US-6085452-\$ or US-6840194-\$ or US-6622426-\$ or US-3701477-\$ or US-3537687-\$ or US-3412561-\$ or US-2746723-\$ or US-2662342-\$ or US-0992529-\$ or US-6360481-\$ or US-5415380-\$ or US-6142451-\$ or US-6149135-\$ or US-6092792-\$ or US-5927694-\$ or US-4576364-\$ or US-4301996-\$ or US-4118752-\$). did. or (US-6631887-\$ or US-6443432-\$ or US-6386519-\$ or US-6199333-\$ or US-6142452-\$ or US-6053481-\$ or US-5964452-\$ or US-5887856-\$ or US-5882001-\$ or US-5772186-\$ or US-5547169-\$ or US-5454548-\$ or US-5238321-\$ or US-5192054-\$ or US-4610432-\$ or US-4508319-\$ or US-4471947-\$ or US-3804374-\$ or US-3484081-\$ or US-3315943-\$ or US-3218036-\$ or US-2962263-\$ or US-D188112-\$ or US-2295271-\$ or US-1476853-\$ or US-1250184-\$ or US-1236185-\$). did. or (US-1211059-\$ or US-0895297-\$ or US-0687649-\$ or US-0639884-\$ or US-0466654-\$ or US-0402732-\$ or US-0093326-\$ or US-0088412-\$ or US-4647491-\$ or US-3933311-\$ or US-D443698-\$ or US-4174096-\$ or US-4022436-\$ or US-4930753-\$ or US-6182948-\$ or US-5445362-\$ or US-5961101-\$ or US-1638966-\$ or US-0601438-\$). did. or (US-1160728-\$ or US-3545128-\$).did. or (US-6149135-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/20 20:19
S50	12	S49 ANd aluminum	USPAT	OR	OFF	2005/07/20 20:19

## EAST Search History

S51	7417	"256"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:46
S52	71892	((("256") or ("47") or ("119")).CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 16:46
S53	3623	S52 and (spike\$1 dig\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:47
S54	286	S52 and (spike\$1 and dig\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:47
S55	25	S54 and fenc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:49
S56	560	S53 and fenc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:47
S57	22	S54 and barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:50
S58	560	S53 and fenc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:51



## EAST Search History

S59	926	S53 and (fenc\$3 barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:51
S60	699	S59 and prevent\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:51
S61	376	S59 and ((prevent\$3 and animal\$1) (protect\$3 and (plant\$1 vegetation)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:52
S62	47145	(spike\$1 dig\$3) and ((prevent\$3 and animal\$1) (protect\$3 and (plant\$1 vegetation)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:52
S63	0	("2005/0184281").URPN.	USPAT	OR	ON	2006/05/05 18:06
S64	204	((119/519) or (119/522) or (119/512) or (119/513)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 18:27
S65	2621	((47/32) or (47/33) or (428/137)). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 18:27
S66	1845	((256/1) or (256/22) or (256/65.01) or (256/67) or (256/65.02) or (256/65.03) or (256/65.15)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 20:02
S67	303	(256/25).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 18:28
S68	1590	(256/3,11,21,24,65.11,65.12,65.14). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 20:03

## EAST Search History

S69	767	(d25/35,38,42).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 20:03
S70	2	("D270285"   "D463036").PN. OR ("D513326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 21:14
S71	89	256/dig.2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 21:15
S72	2	((("d422367") or ("0610803"))).PN.	USPAT	OR	OFF	2006/05/05 22:37
S73	14	("1198475"   "1555177"   "2810554"   "4148277"   "4193377"   "4819582"   "4852520"   "5544870"   "5609327"   "D051626").PN. OR ("D422367").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 22:37
S74	1	("610803").URPN.	USPAT	OR	ON	2006/05/05 22:37